<u>AMENDMENTS TO THE CLAIMS:</u>

Please amend the claims as follows. No new matter is added.

1. (Cancelled) ~~A method for blocking SMS (Short Message Service) spam messages in an SMS server, comprising the steps of:~~

~~a) when an SMS message and its corresponding SMS message phone number to be transmitted to a subscriber of a mobile communication terminal is received from a base station, determining if a spam blocking option is set;~~

~~b) if the spam blocking option is set, accessing a spam-blocking information database, and searching for the SMS message phone number to determine if the SMS message phone number is registered in the spam-blocking information database; and~~

~~c) if the SMS message phone number is registered in the spam-blocking information database, ending the procedure for the received message without performing message processing for SMS services on the received message.~~

2. (Cancelled) ~~A method for blocking SMS (Short Message Service) spam messages in an SMS server, comprising the steps of:~~

~~a) when an SMS message to be transmitted to a subscriber of a mobile communication terminal is received from a base station, determining if a spam blocking option is set;~~

~~b) if the spam blocking option is set, determining if the received message includes a predetermined word, said predetermined word being prestored in a spam-blocking information database; and~~

~~c) if the received message includes a predetermined word, ending the procedure for the~~

~~received message without performing message processing for SMS services on the received~~

~~message.~~

3. (Currently Amended) A method for blocking spam messages in a mobile wireless communication terminal, comprising the steps of:

a) when an SMS message is received, determining if a spam blocking option is set;

b) if the spam blocking option is set, accessing a database of previously-registered spam-blocking information to determine if the received message is an SMS spam message; and

c) when is determined that the received message is a spam message, controlling the terminal so as not to notify receipt of the message.

<u>d) reading a previously stored warning message, from the database, and transmitting the</u> <u>previously stored warning message to a call back number detected from the SMS message.</u>

4. (Currently Amended) The method as set forth in claim 3, further comprising the step of:

<u>e)</u> [[d)]] determining if a spam message is set to be stored, after blocking the message-receipt notification, and storing the received SMS spam message if it is determined that the spam message is to be stored.

5. (Previously Presented) The method as set forth in claim 3, wherein a phone number of an SMS spam-message sender is registered in the spam-blocking information database, and step a) further includes the step of:

a-1) detecting an SMS message phone number from the received SMS message, and determining if the SMS message phone number is registered in the spam-blocking information

database.

6. (Previously Presented) The method as set forth in claim 3, wherein a predetermined

word is registered in the spam-blocking information database, and step a) further includes the

step of:

a-2) determining if the registered predetermined word is included in the received SMS

message.

7. (Previously Presented) The method as set forth in claim 3, wherein a phone number of

an SMS spam message sender and a predetermined word implying an SMS spam message are

registered in the spam-blocking information database, and step a) further includes the steps of:

a-1) detecting an SMS message phone number from the received SMS message, and

determining if the SMS message phone number is registered in the spam-blocking information

database; and

a-2) determining if the registered predetermined word is included in the received SMS

message.

8. (Cancelled) ~~The method as set forth in claim 3, further comprising the step of:~~

~~d) reading a previously stored warning message, from the database, and transmitting the~~

~~previously stored warning message to a call back number detected from the SMS message.~~

9. (Cancelled) ~~The method of claim 1, wherein the step of determining whether a spam~~

~~blocking option is set occurs before an initial access to the spam-blocking information database~~

~~is made.~~

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